

118664
DOD Hazardous Materials Information System

DoD 6050.5-L

AS OF July 1998

FSC: 8040
NIIN: 001429193
Manufacturer's CAGE: 05972
Part No. Indicator: C
Part Number/Trade Name: ADHESIVE CYANOACRYLATE,18161,49550

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General Information

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Item Name: ADHESIVE
Company's Name: LOCTITE CORPORATION
Company's Street: 705-NORTH MOUNTAIN ROAD
Company's P. O. Box: N/K
Company's City: NEWINGTON
Company's State: CT
Company's Country: US
Company's Zip Code: 06111
Company's Emerg Ph #: 203-278-1280
Company's Info Ph #: 203-278-1280
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: D
Record No. For Safety Entry: 006
Tot Safety Entries This Stk#: 024
Status: FE
Date MSDS Prepared: 04JAN94
Safety Data Review Date: 14FEB95
Supply Item Manager: 75
MSDS Preparer's Name: STEPHEN REPETTO
Preparer's Company:
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:

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Other MSDS Number:
MSDS Serial Number: BWLBR
Specification Number: MIL-A-46050C
Spec Type, Grade, Class: TYPE 2, CLASS 2
Hazard Characteristic Code: F8
Unit Of Issue: BX
Unit Of Issue Container Qty: 10 X 1.0 FL Z
Type Of Container: BOX
Net Unit Weight: 0.7 LB

Report for NIIN: 001429193

NRC/State License Number: NOT RELEVANT
Net Explosive Weight:
Net Propellant Weight-Ammo: N/R
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: ETHYL CYANOACRYLATE
Ingredient Sequence Number: 01
Percent: 90 - 95
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: 1008456EC
CAS Number: 7085-85-0
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: POLYMETHYLMETHACRYLATE
Ingredient Sequence Number: 02
Percent: 5 - 10
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: TR0400000
CAS Number: 9011-14-7
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: HYDROQUINONE (SARA 302/313) (CERCLA)
Ingredient Sequence Number: 03

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Percent: 0.1-0.5
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: MX3500000
CAS Number: 123-31-9
OSHA PEL: 2 MG/M3
ACGIH TLV: 2 MG/M3; 9495
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: VOLITILE ORGANIC CONTENT AS LISTED ON MSDS: 992 G/L.
Ingredient Sequence Number: 04
Percent: N/R
Ingredient Action Code:
Ingredient Focal Point: D
NIOSH (RTECS) Number: 9999999VC
CAS Number:
OSHA PEL: NOT RELEVANT
ACGIH TLV: NOT RELEVANT

Report for NIIN: 001429193

Other Recommended Limit: NONE RECOMMENDED
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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR LIQUID - SHARP, IRRITATING ODOR
Boiling Point: >300F,>149C
Melting Point: NOT KNOWN
Vapor Pressure (MM Hg/70 F): <0.2 @ 75F
Vapor Density (Air=1): APPROX 3
Specific Gravity: 1.09
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: POLYMERIZES
Percent Volatiles By Volume: 91
Viscosity: UNKNOWN
pH: N/R
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss): N/P
Corrosion Rate (IPY): UNKNOWN
Autoignition Temperature: N/K

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Fire and Explosion Hazard Data

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Flash Point: 150F,66C
Flash Point Method: TCC
Lower Explosive Limit: N/K
Upper Explosive Limit: N/K
Extinguishing Media: CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SP
RAY
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Special Fire Fighting Proc: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVE
D
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: NONE

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): EXCESSIVE HEAT, OPEN FLAMES
Materials To Avoid: ALCOHOLS, WATER, AMINES, ALKALIES
Hazardous Decomp Products: MAY FORM CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ORGANIC FRAGMENTS
Hazardous Poly Occur: YES
Conditions To Avoid (Poly): WATER, ALCOHOLS, AMINES, ALKALIES

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Health Hazard Data

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LD50-LC50 Mixture: LD50 (ORAL, RAT) IS >5,000 MG/KG.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: TARGET ORGANS:EYES, SKIN, RESPIRATORY TR
ACT.
ACUTE- EYE AND SKIN IRRITANT. SKIN CONTACT MAY CAUSE BURNS. BONDS SKIN
RAPIDLY AND STRONGLY. ORAL TOXICITY IS LOW. VAPOR IS IRRITATING TO EYE
S,

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AND MUCOUS MEMBRANES ABOVE TLV. PROLONGED & REPEATED OVEREXPOSURE TO V
APORS
MAY CAUSE ALLERGIC REACTION (ASTHMA). CHRONIC- UNKNOWN.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO

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Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: EYE, SKIN, RESPIRATORY TRACT IRRITATION,
BONDING SKIN, SKIN BURNS

Med Cond Aggravated By Exp: PRE-EXISTING RESPIRATORY AND SKIN DISEASES
MAY

BE AGGRAVATED.

Emergency/First Aid Proc: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

SKIN:REMOVE EXCESS ADHESIVE. SOAK IN WARM, SOAPY WATER. THE ADHESIVE W
ILL

COME LOOSE IN SEVERAL HOURS. EYES:WASH THOROUGHLY WITH WARM WATER & AP
PLY A

GAUZE PATCH. THE EYE WILL OPEN IN 1-4 DAYS. INHALED:MOVE TO FRESH AIR.
PROVIDE OXYGEN/CPR IF NEEDED. ORAL:ALMOST IMPOSSIBLE TO SWALLOW. IF LI
PS

ARE STUCK TOGETHER, APPLY LOTS OF WARM WATER.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOU
RCES

OF IGNITION. VENTILATE AREA. CONTAIN SPILL. FLOOD WITH WATER TO POLYME
RIZE.

PICK UP WITH INERT ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER
FOR

DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent: WATER

Waste Disposal Method: POLYMERIZE AND INCINERATE IN ACCORDANCE WITH AL
L

LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: STORE AT OR BELOW 75F. KEEP AWAY FROM
SOURCES OF IGNITION AND INCOMPATIBLE MATERIALS.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING
VAPORS. KEEP OUT OF REACH OF CHILDREN.

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Control Measures

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Respiratory Protection: IF EXPOSURE MAY OR DOES EXCEED RECOMMENDED
PERMISSIBLE EXPOSURE LIMITS (PEL), WEAR NIOSH-APPROVED RESPIRATORY
PROTECTION (REFER TO 29 CFR 1910.134).

Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF
)

VENTILATION TO MAINTAIN EXPOSURE BELOW PEL(S).

Protective Gloves: NITRILES/POLYETHYLENE, NO COTTON

Eye Protection: SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

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Other Protective Equipment: PROVIDE EYEWASH STATION AND EMERGENCY SHOWERS.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Suppl. Safety & Health Data: FORMULA CHANGED. FOR PREVIOUS FORMULATION

, SEE PNI A, SAME NSN. PNI B HAS DIFFERENT TRADE NAME AND PART NUMBER.

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Transportation Data

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Transportation Action Code:

Transportation Focal Point: D

Trans Data Review Date: 95045

DOT PSN Code: ZZZ

DOT Symbol: N/R

Report for NIIN: 001429193

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT Class: N/R

DOT ID Number: N/R

DOT Pack Group: N/R

DOT Label: N/R

DOT/DoD Exemption Number:

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IMO Regulations Page Number: N/R

IMO UN Number: N/R

IMO UN Class: N/R

IMO Subsidiary Risk Label: N/R

IATA PSN Code: ZZZ

IATA UN ID Number: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IATA UN Class: N/R

IATA Subsidiary Risk Class: N/R

IATA Label: N/R

AFI PSN Code: ZZZ

AFI Symbols:

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI Class: N/R

AFI ID Number: N/R

AFI Pack Group: N/R

AFI Label: N/R

AFI Special Prov:

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AFI Basic Pac Ref:
MMAC Code:
N.O.S. Shipping Name:
Additional Trans Data:

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Disposal Data

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Disposal Data Action Code:
Disposal Data Focal Point:
Disposal Data Review Date:
Rec # For This Disp Entry:
Tot Disp Entries Per NSN:
Landfill Ban Item:
Disposal Supplemental Data:
1st EPA Haz Wst Code New:
1st EPA Haz Wst Name New:
1st EPA Haz Wst Char New:
1st EPA Acute Hazard New:
2nd EPA Haz Wst Code New:
2nd EPA Haz Wst Name New:
2nd EPA Haz Wst Char New:
2nd EPA Acute Hazard New:
3rd EPA Haz Wst Code New:
3rd EPA Haz Wst Name New:
3rd EPA Haz Wst Char New:
3rd EPA Acute Hazard New:

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Label Data

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Label Required: YES
Technical Review Date: 14FEB95
Label Date:
MFR Label Number: NOT RELEVANT
Label Status: F
Common Name: ADHESIVE CYANOACRYLATE,18161,49550
Chronic Hazard: N/P
Signal Word: WARNING!
Acute Health Hazard-None:
Acute Health Hazard-Slight: X
Acute Health Hazard-Moderate:
Acute Health Hazard-Severe:

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Contact Hazard-None:

Contact Hazard-Slight: X

Contact Hazard-Moderate:

Contact Hazard-Severe:

Fire Hazard-None:

Fire Hazard-Slight: X

Fire Hazard-Moderate:

Fire Hazard-Severe:

Reactivity Hazard-None:

Reactivity Hazard-Slight:

Reactivity Hazard-Moderate: X

Reactivity Hazard-Severe:

Special Hazard Precautions: TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT.

ACUTE- EYE & SKIN IRRITANT. SKIN CONTACT MAY CAUSE BURNS. BURNS SKIN RAPIDLY & STRONGLY. ORAL TOXICITY IS LOW. VAPOR IS IRRITATING TO EYES &

MUCOUS MEMBRANES ABOVE TLV. PROLONGED & REPEATED OVEREXPOSURE TO VAPORS MAY

CAUSE ALLERGIC REACTION (ASTHMA). CHRONIC- UNKNOWN. STORE AT OR BELOW 75F.

KEEP AWAY FROM INCOMPATIBLES. FLOOD SPILL WITH WATER. PICK UP WITH INERT

ABSORBENT. FIRST AID- GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: REMOVE EXCESS. SOAK IN WARM, SOAPY WATER. EYES:WASH THOROUGHLY WITH WARM

WATER. INHALED:MOVE TO FRESH AIR. ORAL:IMPOSSIBLE TO SWALLOW. APPLY LOTS OF

WARM WATER TO LIPS.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory:

Label Name: LOCTITE CORPORATION

Label Street: 705-NORTH MOUNTAIN ROAD

Label P.O. Box: N/K

Label City: NEWINGTON

Label State: CT

Label Zip Code: 06111

Label Country: US

Label Emergency Number: 203-278-1280

Year Procured: